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54 A method of preparing an implant body for implantation.

57 A method of preparing an implant body in order to optimize the healing time of said implant, comprising bringing the implant body for a limited period of time into contact with a hydrogen peroxide solution at least on the surfaces intended to come into contact with surrounding tissue when implanted, the treated surfaces being cleaned by rinsing. The treatment of the implant surface with hydrogen peroxide can be supplemented with incorporation of biomolecules, such as peptides, proteins and steroids, and also other substances such as inorganic ions and crystals. The compounds to be coupled to the implant surface may promote the healing and/or binding of the surrounding tissue.

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EUROPEAN SEARCH REPORT

Application Number

EP 20 85 0271

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
P,X	WO-A-8 906 548 (THE INSTITUTE FOR APPLIED BIO-TECHNOLOGY) * Examples I,II; claims * -----	1-9	A 61 L 27/00
X	BIOMATERIALS, vol. 10, April 1989, pages 168-175; P. TENGVALL et al.: "Titanium-hydrogen peroxide interaction: model studies of the influence of the inflammatory response on titanium implants" * Page 174, conclusions * -----	1-2	
X	BIOMATERIALS, vol. 10, March 1989, pages 118-120; P. TENGVALL et al.: "Interaction between hydrogen peroxide and titanium: a possible role in the biocompatibility of titanium" * Page 174, conclusions * -----	1-2	
A	WO-A-8 102 667 (NATIONAL RESEARCH DEVELOPMENT) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			A 61 L
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		06 December 90	ESPINOSA Y CARRETERO
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone		E: earlier patent document, but published on, or after the filing date	
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T: theory or principle underlying the invention			